36 ABSTRACT

METHODS AND REAGENTS FOR THE DETECTION OF ANTIBODIES TO ADENOVIRUS

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The present invention provides methods and reagents for detecting antibodies to adenovirus. In a preferred embodiment, the present invention is useful for detecting antibodies to adenovirus serotype 5. In a further preferred embodiment, the present invention can be used in a biosensor-based assay. It is contemplated that the present invention is useful to detect antibodies for ascertaining adenovirus infection, evaluating patient response to gene therapy using adenovirus vectors, developing vaccines to adenovirus infection, developing therapeutics for inducing passive immunity to adenovirus infection, as well as other uses.